

Appl. No. 09/768,898
Reply to Office Action of June 28, 2004

Docket No. ATT-002PUS

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

- 1 1. (Currently Amended) A method for recovering a network, comprising:
2 selecting a first trunk for recovery, the first trunk being associated with a first
3 node;
4 allowing the first trunk to recover;
5 selecting further trunks for recovery up to a predetermined number of trunks at [[a
6 given]] any one time until each trunk associated with the first node is selected for
7 recovery;
8 determining a sequence for recovering each of a plurality of nodes in the network;
9 determining message processing time surges at each of the plurality of nodes due
10 to recovery of the nodes; and
11 limiting, for at least one of the plurality of nodes, an overload period due to the
12 message processing time surges for staggering successive node recoveries.
13
- 1 2. (Original) The method according to claim 1, further including selecting the first
2 trunk so as to form the largest possible subnetwork.
- 1 3. (Original) The method according to claim 1, further including randomly selecting
2 the first trunk from a plurality of trunks associated with the first node that would
3 form the largest possible subnetwork.
- 1 4. (Original) The method according to claim 1, further including selecting further
2 trunks so as to form the largest possible subnetwork.
- 1 5. (Original) The method according to claim 1, further including selecting a second
2 node for recovery.

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1 6. (Original) The method according to claim 5, further including
2 selecting a first trunk associated with the second node for recovery;
3 allowing the first trunk of the second node to recover;
4 selecting further trunks associated with the second node for recovery up to a
5 second predetermined number of trunks at a given time until each trunk associated with
6 the second node is selected for recovery.

1 7. (Canceled)

1 8. (Canceled)

1 9. (Canceled)

1 10. (Currently Amended) The method according to claim [[9]] 1, where the
2 predetermined duration ranges from about one second to about fifty seconds.

1 11. (Currently Amended) ~~The method according to claim 8, further including A~~
2 method for recovering a network, comprising:
3 selecting a first trunk for recovery, the first trunk being associated with a first
4 node;
5 allowing the first trunk to recover;
6 selecting further trunks for recovery up to a predetermined number of trunks at
7 any one time until each trunk associated with the first node is selected for recovery;
8 determining a sequence for recovering each of the plurality of nodes in the
9 network;
10 determining message processing time surges at each of the plurality of nodes due
11 to recovery of the nodes; and
12 preventing the message processing time surges from overlapping.

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1 12. (Currently Amended) A method for recovering a network, comprising:
2 determining a sequence for recovering [[each node]] nodes in the network; [[and]]
3 determining a respective time interval between initiating recovery of the network
4 node;
5 determining message processing time surges at each of the nodes in the network;
6 and
7 limiting for at least some of the plurality of nodes, overload periods due to
8 message processing time surges at the nodes for staggering successive node recoveries.

1 13. (Canceled)

1 14. (Original) ~~The method according to claim 13, further including~~ A method for
2 recovering a network, comprising:
3 determining a sequence for recovering each node in the network; and
4 determining a respective time interval between initiating recovery of the network
5 nodes;
6 determining message processing time surges at each node in the network; and
7 preventing overlapping overload periods due to processing time surges at the
8 nodes.

1 15. (Canceled)

1 16. (Original) The method according to claim 12, further including selecting a first trunk
2 associated with a first node in the node recovery sequence.

1 17. (Original) The method according to claim 16, further including selecting up to N
2 trunks associated with the first node for simultaneous recovery after the first trunk has
3 recovered.
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18. (Currently Amended) ~~The method according to claim 17,~~ A method for recovering a network, comprising:

determining a sequence for recovering each node in the network;

determining a respective time interval between initiating recovery of the network nodes;

selecting a first trunk associated with a first node in the node recovery sequence; and

selecting up to N trunks associated with the first node for simultaneous recovery after the first trunk has recovered,

wherein N ranges from about two to about four.

19. (Original) The method according to claim 17, wherein the N trunks are selected so as to form a subnetwork that is as large as possible.